CONNECTION SYSTEM FOR FIREPROOFED ELECTRONIC DEVICE

IN THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in this application:

1. (Currently Amended) A connection system suited for use with a fireproofed electronic device, the system comprising:

a heat conductive structure configured to transfer a communication signal, the heat conductive structure including first and second elongate conductors aligned longitudinally ~~with free ends of the elongate conductors~~ adjacent to each other and a connection point coupled between ~~the free ends of~~ the elongate [[member]] conductors, the connection point including a heat sensitive material, wherein heat applied to the heat conductive structure modifies the heat sensitive material to thermally separate the ~~the free ends of the~~ elongate ~~members~~ conductors at the connection point[[.]]; and

a biasing member configured to apply a tension force relative to the elongate conductors.

2. (Canceled)

3. (Original) The system of claim 1, wherein the heat sensitive material is a low temperature solder.

4. (Currently Amended) The system of claim 1, wherein at least one of the elongate ~~members in~~ conductors is configured as a co-axial cable.

5. (Currently Amended) The system of claim 1, wherein the first and second elongate ~~members~~ conductors are configured as wire members that are aligned coaxially.

6. (Original) The system of claim 5, wherein the first wire member is configured to extend through an exterior wall of a heat resistant container that houses the electronic device, and the second wire member is configured to be coupled to the electronic device stored in the heat resistant container.

7. (Currently Amended) A fireproof system for protecting a heat sensitive device, the system comprising:

a heat resistant container having an internal chamber sized to house the heat sensitive device; [[and]]

a connection system including a heat conductive structure that extends from outside the heat resistant container into the internal chamber of the heat resistant container, the heat conductive structure being configured to transfer a communication signal from outside the heat resistant container to the heat sensitive device, the heat conductive structure including first and second elongate conductors aligned generally longitudinally and a connection point inside the internal chamber that includes a heat sensitive material, the connection point being arranged between the elongate [[member]] conductors, wherein the heat sensitive material is modified to thermally separate the elongate conductors when heated above a predetermined temperature by a heat source that is applied to that portion of the heat conductive structure positioned outside of the heat resistant container[[.]]; and

a biasing member configured to apply a tension force to the heat conductive structure at the connection point.

8. (Canceled)

9. (Original) The system of claim 7, wherein the heat resistant container includes an aperture extending between the interior and an exterior of the heat resistant container, the system further comprises a heat resistant feed-through member that extends through the aperture, and the first cable member extends through the heat resistant feed-through member.

10. (Original) The system of claim 7, wherein the heat sensitive device is a computer hardware device.

11. (Original) The system of claim 9, further comprising a heat resistant adhesive positioned within the heat resistant feed-through adjacent to the heat conductive wire.

12. (Original) The system of claim 7, wherein the heat resistant container comprises first and second housing members defining the internal chamber, the first and second housing members being sealed together with a heat resistant sealant.

13. (Original) The system of claim 7, wherein the heat resistant container includes a ceramic fiber and a binder material.

14. (Original) The system of claim 13, wherein the heat resistant container is formed using a vacuum molding, a compression molding, or a casting process.

15. (Previously Amended) The system of claim 7, wherein the heat conductive structure is integral with an exterior wall of the heat resistant container.

16. – 31. (Canceled)

32. (Currently Amended) A fireproof system for protecting a computer hardware device, the system comprising:

a heat resistant container having an internal chamber sized to house [[the]] a heat sensitive device and having a rectangular shaped external surface, the heat resistant container comprising a compression molded material that includes a ceramic fiber and a binder; and

a connection system comprising:

a heat conductive structure that extends from outside the heat resistant container into the internal chamber of the heat resistant container, the heat conductive structure being configured to transfer a communication signal from outside the heat resistant container to the computer hardware device, the heat conductive structure including first and second wire members aligned longitudinally ~~with free ends of the wire members~~ positioned adjacent to each other;

a connection point positioned inside the internal chamber that includes a heat sensitive material, the connection point being arranged between the ~~free ends of the~~ first and second wire members; and

a biasing member configured to apply a tension force longitudinally to at least one of the wire members at the connection point;

wherein the heat sensitive material is modified to thermally separate the wire members when heated above a predetermined temperature by a heat source that is applied to that portion of the heat conductive structure positioned outside the heat resistant container.

33. (Currently Amended) The system of claim 32, wherein the heat resistant container includes an aperture extending between [[the]] an interior and an exterior of the heat resistant container, the system further comprises a heat resistant feed-through member that extends through the aperture, and the first [[cable]] wire member extends through the heat resistant feed-through member.

34. (New) The system of claim 1, wherein the tension force is applied axially along the first and second elongate conductors.

35. (New) The system of claim 1, wherein the tension force is applied transverse to an axis of the first and second elongate conductors at the connection point.